

## BIOSOLIDS REMOVAL AND TRANSPORT

## Amendment #1

## Questions &amp; Answers

Except to remove vendor names and addresses, questions are provided exactly as submitted.

#		Section	Question / Answer
1	Q		Rain water that accumulates in bottom of lagoon where can that be pump to?
1	A		Regarding rain water that accumulates in the bottom of lagoon 3N, the rain water would either drain out of an existing surface drainage located at the northern end of Lagoon 3N or could be pumped by the contractor to a manhole located southeast of the southern end of Lagoon 3N. The contractor shall not pump excessive amounts of biosolids or other solids into the manhole. All methods utilized to removed solids from, and handle and pump storm water must be approved by the City prior to implementation. Also, the contractor would be responsible for maintaining the existing surface drainage at the northern end of Lagoon 3N.
2	Q		The measurement of the materials is stated to be by truck scale weights. Since the material will be delivered by barge, would consideration be given to measure the material by the barge displacement method. This is the normal method of measurement used by many agencies, including the Memphis district, Corps of Engineers. All barges tables are certified by the Government and it would be more economical than weighing each truckload.
2	A		Use of truck scales provided by the contractor to weigh trucks and truckloads of biosolids is acceptable, as long as they are certified accurate and properly operated and maintained. The use of barge displacement to weigh barge-loads of biosolids is also acceptable, as long as the contractor provides documentation showing that the displacement method used is standard industry practice for determining net barge load weight. Whether using truck scales and/or barge displacement, the contractor must document and maintain detailed records of each load, whether trucks or barge, to calculate and verify net weights of biosolids transported.
3	Q		Please clarify whether the 5% of the material which is not to be transported to the new location will be measured for pay at the same rate as the transported material, or if this material is not measured for pay.
3	A		The estimated five (5) percent of debris, which the contractor would be required to segregate and remove from the biosolids, would not be measured for pay. The contractor would be required to provide roll-off bins or dump trucks to load the debris into and transport the debris to City-designated landfills for disposal. The contractor would need to factor in the debris transport and disposal cost into the project cost, assuming that five (5) percent of the excavated material would be debris, which would need to be transported to a landfill. Debris segregated from the biosolids at the MC Stiles WWTF would be disposed of at the Republic Services North Shelby Landfill, which is located at 7111 Old Millington Road, Millington, TN 38053, Phone # (901)872-7258. Debris segregated from biosolids at the TE Maxson WWTF would be dispose of at the Republic Services South Shelby Landfill, which is located at 5494 Malone Road, Memphis, TN 38118, Phone # (901)794-8071.

4	Q		In order to get a better determination of the consistency of the material, would it be acceptable to dig some test holes with an excavator in Lagoons 3S and 3N. The test holes will be refilled after observation of the material.
4	A		The winning contractor would be allowed to dig test holes into Lagoon 3N as needed. The City does not foresee any need for the contractor dig test holes in Lagoon 3S for this project.
5	Q		Does the Owner have any land/water access available to the Contractor at either end of the project, and if there any cost involved with use of the property.
5	A		<p>At the MC Stiles WWTF, there are currently two (2) access roads from North Second Street to Lagoon 3N. However, we anticipate that the northern access road would be permanently closed for major airport construction starting as early as June 2017, leaving only Stiles Drive to access North Second Street. Lagoon 3N is adjacent to the eastern bank of the Mississippi River, which is about 100 yards west of the western levee of Lagoon 3N (note that this distance varies depending of the Mississippi River stage). Barges can be parked and loaded along the Mississippi River bank, but would need to be coordinated with the barge operation (i.e., Fullen Dock, Phone # (901)358-9544), which is located north of the MC Stiles WWTF, that regularly parks their barges along the river bank. The contractor should also contact the Lucy Woodstock facility (Phone #s (901)358-4182 and (901)358-0151), which is located south (i.e., downstream) of the Lagoon 3N and also parks barges along the eastern bank of the Mississippi River. Note that the levees containing Lagoon 3N is City property, not Army Corp of Engineers.</p> <p>At the TE Maxson WWTF, trucks transporting biosolids directly from the MC Stiles WWTF would drive on River Port Road to an access road leading to the two (2) fields designated for biosolids surface disposal for this project. Barges transporting biosolids would dock at available barge docking locations off of McKellar Lake, which is about one-half mile distance from the two (2) surface disposal fields. Biosolids would need to be unloaded from the barges to trucks at the barge docking locations. The trucks would drive down a gravel access road, cross Steam Plant Road to another access road, and cross Riverport Road to the access road leading to the two (2) surface disposal fields. The contractor would need to contact the International Port of Memphis to make arrangements to use the McKellar Lake barge docking locations and associated gravel access roads. The International Port of Memphis can be contacted at 901-948-4422.</p>
6	Q		Is any of the material determined to be hazardous material?
6	A		Based on waste generator knowledge, the City believes that the biosolids and debris are not hazardous waste. But, for disposal purposes of the segregated debris, the contractor would use the waste profile for each of the WWTFs for disposing of the debris to the local landfills. Please see the answer to question 3 for details.
7	Q		Please clarify that the Contractor is exempt from all federal, state and local purchases such as fuel, parts and supplies, etc. and that a tax exemption certificate will be issued for same.
7	A		The bidders should prepare their bids assuming that they would not be granted any tax exemptions. If it is later the 'city determines that tax exemptions status would apply then the City would incorporate applicable tax exemptions to the contract with the winning bidder.

8	Q	2.6	How is the oversized material to be disposed of?
8	A		At the MC Stiles WWTF, the contractor would separate out the oversized debris of 12-inches or greater from the biosolids, which the contractor would load into roll-off bins or dump trucks provided by the contractor. At the TE Maxson WWTF, the contractor would separate out debris of 6-inches or greater from the biosolids, which the contractor would load into roll-off bins or dump trucks provided by the contractor. Please see the answer for question 3 for details on debris transport and disposal.
9	Q	2.2	Can there be a test hole dug to see a sample of the biosolid?
9	A		A bidder may dig a test hole in the 3N biosolids to make their own assessments using manual or small equipment that could be carried in. However, the contractor must call Mr. Henry Nakayama (901-636-4350) ahead of time to schedule a time and date to dig a test hole, which must be performed during regular business hours and must not interfere with normal plant operations. The contractor would also need to have their own safety program and equipment to perform this operation in a safe manner, in coordination with the process manager and the department safety coordinator, and would be responsible for the safety of their personnel and any damage to or loss of the contractor's equipment.
10	Q	2.3	Can displacement measurements be used on the barges instead of weights?
10	A		Please see the answer to question number 2.
11	Q		May the Contractor utilize wholly owned subsidiaries or related companies under common ownership to perform the work?
11	A		The contractor may utilize wholly owned subsidiaries or related companies under common ownership to perform the work. However, any subsidiaries or related companies to be utilized must be named with explanations in the proposal as to their relationship of each to the contractor, and percentage of contract each subsidiary or related company would perform.
12	Q		Will the City work out a price modification for increased costs if there is a change in federal, state, or local law/ordinance after the proposal is accepted that increases costs to perform the work?
12	A		There will be no change orders or price modification under this contract.
13	Q		Will the City allow the Contractor to assign and sublet to wholly own subsidiaries without written consent?
13	A		Please see the answer to question 11.
14	Q		Will the City consider that the indemnification language that creates liability to the Contractor to the extent any damages were proximately cause by bidder's negligent or willful actions resulting in the need for indemnification?
14	A		The bidder may propose exceptions with their RFP proposal for the City to consider.
15	Q		Does the city have a budget for this project?
15	A		Yes
16	Q		Will the city allow for 40 ton dump trucks to cross the main road to carry the material from the river to the dump site located at Maxson?
16	A		The City would allow for the use of 40 ton dump trucks on the TE Maxson WWTF property, and to cross Steam Plant Road and River Port Road.

			However, for use of 40 ton dump trucks on any other properties, whether the International Port of Memphis (901-948-4422) or other adjacent properties, the contractor would need to contact the owners of these properties for permission.
17	Q		Can they provide a current plan holders list?
17	A		The City has no plan holder list for this project as typically associated with design-build projects.
18	Q		Can they provide a phone number so that we can verify subs that are registered as M/WBE business with the city of Memphis?
18	A		<p>IT IS THE RESPONSIBILITY OF THE BIDDER TO VERIFY WITH THE CITY OF MEMPHIS CONTRACT COMPLIANCE OFFICE (CONTACT INFO BELOW) THAT ANY M/WBE FIRM(S) UTILIZED TO MEET THE PARTICIPATION GOAL ARE CERTIFIED AS A M/WBE FIRM. A listing of current M/WBE certified firms can be found on the City of Memphis web site home page (<a href="http://www.cityofmemphis.org">www.cityofmemphis.org</a>). On the City's home page under "Doing Business with the City", go to the link entitled "Certified MWSBE Search". Here an entire listing of all certified MWBE and SBE firms can be found or a search can be performed for a particular firm. One or a combination of several M/WBEs may be utilized to meet the established goal. Requests for verification must be submitted to the City's Contract Compliance Office listed below:</p> <p style="text-align: center;">Contract Compliance Officer City of Memphis Contract Compliance Office 125 North Main Street, Suite 546 Memphis, TN 38103 Phone: (901) 576-6545 Fax: (901) 576-6560</p>
19	Q	2.2	What is the name of the preferred landfill for the 5% debris screenings?
19	A		Please see the answers to question numbers 3 and 8.
20	Q	2.2	Where would the storm water be able to be pumped to as we empty the lagoon?
20	A		Please see the answer to question number 1.
21	Q	2.3	Where would the onsite location be to construct a certifiable scale with electric hookup to measure volumes?
21	A		The certifiable scale would be setup in the vicinity of the dewatering facility, which is located just south of Lagoon 1, since this area is paved and has electrical power available from one of the dewatering facility buildings (120 VAC, 15A). The contractor would be responsible to provide their own power cables from the dewatering facility to their scale. Should the contractor decide to place the certifiable scale near Lagoon 3N, the contractor would be responsible for constructing a proper foundation and driveway for the scale, and provide any necessary generated electricity, since the area is not paved and has no electrical power available. The specific location would be determined by mutual agreement between the winning contractor and the City.

22	Q	2.4 and 2.5	Who would we need to contact from Port Authority to set up barge, docking, and unloading?
22	A		<p>The contractor would be responsible for contacting the International Port of Memphis to setup barge, docking and unloading. The International Port of Memphis indicated the following:</p> <ul style="list-style-type: none"> <li>• It will cost \$1,140 per month</li> <li>• The awarded contractor will need to obtain right of entry permit from the Port.</li> <li>• Contractor will be responsible for maintaining the access road and the gravel ramp and will need to accommodate the dredge operations normally in that location during the no dredging months from January to June.</li> <li>• Contact Phone # (901)948-4422.</li> </ul>
23	Q		Can the biosolids be loaded at the loading facility north of the lagoons?
23	A		<p>The contractor may utilize the loading facility, which is located north of the MC Stiles WWTF lagoons, for loading biosolids. The contractor may negotiate agreements or contracts with other facilities to load biosolids for this project. The contractor is responsible for making any arrangements with other facilities and constructing any ramps, driveways, conveyors between the MC Stiles WWTF and the other facilities for this purpose. Please note that there is a wet weather conveyance located between the MC Stiles WWTF and the facility located north of the lagoons, which must be accommodated to convey storm water from an old industrial facility to the Mississippi River.</p>